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(54) NONAQUEOUS ELECTROLYTE SECONDARY BATTERY

(57)Abstract:

PURPOSE: To provide a nonaqueous electrolyte secondary battery in which a diole compound within the range in which a practical and good battery characteristic can be maintained is contained in a nonaqueous electrolyte containing cyclic carbonic ester.

CONSTITUTION: In a nonaqueous electrolyte secondary battery which uses composite metal oxides composed mainly of Li and Co as positive electrode active material, a carbonaceous material as negative electrode active material, and a nonaqueous electrode wherein at least cyclic carbonic ester is contained by not less than 10wt.% in an electrolyte solvent, a diole compound contained in the nonaqueous electrolyte is selected between 25ppm and 1,500ppm.

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